# Danielle J Donnelly

List of Publications by Year
in descending order



| 21 | 860 | 759233 12 | 713466 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 21 | 21 | 21 | 1134 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Effect of Non-Conventional Drying Methods on In Vitro Starch Digestibility Assessment of Cooked Potato Genotypes. Foods, 2019, 8, 382. | 4.3 | 4 |
| 2 | William E. Vidaver (1921â€“2017): an innovator, enthusiastic scientist, inspiring teacher and a wonderful friend. Photosynthesis Research, 2018, 136, 269-274. | 2.9 | 3 |
| 3 | Freeze-drying affects the starch digestibility of cooked potato tubers. Food Research International, 2018, 103, 208-214. | 6.2 | 14 |
| 4 | Microbial Biotransformation of a Polyphenol-Rich Potato Extract Affects Antioxidant Capacity in a Simulated Gastrointestinal Model. Antioxidants, 2018, 7, 43. | 5.1 | 2 |
| 5 | Genome editing in potato plants by agrobacterium-mediated transient expression of transcription activator-like effector nucleases. Plant Biotechnology Reports, 2017, 11, 249-258. | 1.5 | 31 |
| 6 | Biotransformation of polyphenols in a dynamic multistage gastrointestinal model. Food Chemistry, 2016, 204, 453-462. | 8.2 | 64 |
| 7 | Metabolic Biosynthesis of Potato (Solanum tuberosuml.) Antioxidants and Implications for Human Health. Critical Reviews in Food Science and Nutrition, 2016, 56, 2278-2303. | 10.3 | 28 |
| 8 | High-Throughput Screening of Sensory and Nutritional Characteristics for Cultivar Selection in Commercial Hydroponic Greenhouse Crop Production. International Journal of Agronomy, 2015, 2015, 1-28. | 1.2 | 6 |
| 9 | Extract of <scp>I</scp>rish potatoes (<scp>S</scp>olanum tuberosum L.) decreases body weight gain and adiposity and improves glucose control in the mouse model of dietâ€induced obesity. Molecular Nutrition and Food Research, 2014, 58, 2235-2238. | 3.3 | 25 |
| 10 | Somatic Mining for Phytonutrient Improvement of â€˜Russet Burbankâ€™ Potato. American Journal of Potato Research, 2014, 91, 89-100. | 0.9 | 17 |
| 11 | History and Origin of Russet Burbank (Netted Gem) a Sport of Burbank. American Journal of Potato Research, 2014, 91, 594-609. | 0.9 | 61 |
| 12 | Some Canadian-Grown Potato Cultivars Contribute to a Substantial Content of Essential Dietary Minerals. Journal of Agricultural and Food Chemistry, 2012, 60, 4688-4696. | 5.2 | 37 |
| 13 | Intraclonal Selection for Improved Processing of NB â€˜Russet Burbankâ€™ Potato. American Journal of Potato Research, 2011, 88, 387-397. | 0.9 | 14 |
| 14 | Potatoes and Human Health. Critical Reviews in Food Science and Nutrition, 2009, 49, 823-840. | 10.3 | 418 |
| 15 | Periclinal Chimeral Status of New Brunswick â€˜Russet Burbankâ€™ Potato. American Journal of Potato Research, 2008, 85, 432-437. | 0.9 | 12 |
| 16 | A simplified procedure for verifying and identifying potato cultivars using multiplex PCR. Canadian Journal of Plant Science, 2008, 88, 583-592. | 0.9 | 7 |
| 17 | Stimulation of Ca2+ uptake into micropropagated potato plantlets by UV light and vitamin D3. American Journal of Potato Research, 2005, 82, 191-196. | 0.9 | 5 |
| 18 | Increased calcium availability improves potato micropropagation and microtuberization. Potato Research, 2004, 47, 139-149. | 2.7 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Relative salinity tolerance of potato cultivars assessed byin vitro screening. American Journal of Potato Research, 1998, 75, 207-210. | 0.9 | 41 |
| 20 | Microtuberization of layered shoots and nodal cuttings of potato: The influence of growth regulators and incubation periods. Plant Cell, Tissue and Organ Culture, 1994, 37, 113-120. | 2.3 | 37 |
| 21 | Fixation of 14CO2 in tissue cultured red raspberry prior to and after transfer to soil. Plant Cell, Tissue and Organ Culture, 1984, 3, 313-317. | 2.3 | 33 |